BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
IT —	22945		
—	91779		
—	22945		
—	2295		
—	40981		
Total —	180945 = 00		

First & final

AEE|KSD|SBR|194|16-17 dt- 2|11|16

M. A. R. 57 (Rule 116)
Measurement Book
No. B 238135

Serial No. Improvement ... & drains at Bhadrappa layout
Name of Work Surrounding in ward NO.8, Kodigehalli Sub division From ... To ...
Name of Contractor of nature of Agency K. R. Santosh Kumar
Date of commencement of work 26-6-16 BR-628

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	EST: cost: 39 Lakhs Jobcode: 008-16-000003 Head of ac: P 3089 ASNO: BBMP/JC/YNK/PR/24/15-16 Dt: 19-8-15 TSNO: BBMP/CE/YNK/PR/39/15-16 Dt: 21-8-15 WONO: EE/BTP/BBMP/E-PMT/196 Dt: 3-2-16 Measurement recorded on 24-9-16. 1) Removing B.S slab of drain & stacking including cost of all labour, Hire of machineries etc complete as per specification Lately vide item No(1) of pg 258181					3239.10 Limited to 3188.10 @ Rs 55.00	Rs. 175346.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Refixing stone slabs of qty vide item No(2) of pg 258185 - drains & pointing inc. M - - - - - - Limited to @ Rs 70.0					2914.92 2869.29 - - Rs.	200850.0
	3) providing granite slabs of selected quality roughly dressed & fixed in cement complete qty vide item No(3) of pg 258186 - - - - - - Limited to @ Rs 700.0 - - -					1000.96 975.51 - - - Rs.	682857.0
	4) Earth work excavation by manual means in ordinary soil involving an avg horizontal throw up to 2 metres & an avg Complete as per specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	qty vide ite
	5) providing & la concrete of m with 40mm & complete as qty vide

NT BOOK

nensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
oi nting inc. M			
- - - - -		2914.92	
Limited to		2869.29	
@ Rs 70.0		- - Rs.	200850.00
quality			
ment complete			
- - - - -		1000.96	
Limited to		975.51	
@ Rs 700.0		- - - Rs.	682857.00
al means			
avg			
& am avg			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258136

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide item No (4) of		Pg 258183		- - -	1401.42	
				Limited to		1303.44 cum	
				@ Rs	73.0	- - - Rs.	95151.00
	5) providing & laying in position plain cement concrete of mix 1:4:8 with opc cement @ 150 kgs with 40mm & down size graded granite metal complete as per specification						
	Qty vide item No (5) of		Pg 258184		- - - -	21.81	
				Limited to		20.79	
				@ Rs	4847.0	- - - Rs.	100769.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Providing & Constructing granite stone masonry in superstructure with cement mortar cost of materials complete as per specifi qty vide item No 6) of Pg 258186					54.51	
	Limited to @ Rs 4770.00 -- Rs.					7.56	36061.00
	7) providing ruled pointing to coursed stone masonry with cement mortar, cost of materials complete as per specification qty vide item No 7) of Pg 258187					28.80	
	Limited to @ Rs 90.00 --- Rs.					12.60	1134.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	8) providing & laying of mix 1:2:4 with cost of materials qty vide item No
	9) providing & laying cement concrete as per specifica deck slab

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
masonry mortar specifi			
....		54.51	
mited to		7.56	
@ Rs 4770.00 -- Rs.			36061.00
ed Slow Cent of ations			
.....		28.80	
mited to		12.60	
Rs 90.0 -- Rs.			1134.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

258137

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
8)	providing & laying in position plain Cement Concrete of mix 1:2:4 with cement @ 240 kgs including cost of materials complete as per specification.						
	Qty vide item No(8) of Pg 258188					15.10	
						Limited to 8.82	
						@ Rs 5300.0 -- Rs	46746.00
9)	providing & laying in position reinforced cement Concrete of design mix complet as per specification						
	deck slab.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd main road 2nd cross rd 2nd main 2nd B cross C.g - 2 6 3 8th cross C.g - 5	1 1 1 1 1 1 1	8.00 7.50 6.10 5.10 5.90 6.30 6.00 5.60	2.00 2.00 1.80 1.80 1.80 1.80 1.80 1.80	0.250 0.250 0.250 0.250 0.300 0.300 0.300 0.300	4.00 3.75 2.74 2.29 3.18 3.40 3.24 3.02 Total 25.62 cum Limited to 25.5 @ Rs 6000.00 -- /-	cum 15306/- 15300.00
10)	providing TMT Steel reinforcement for RCC work including Straightening, cutting, bending, complete as per Specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide item No
11)	providing & removing Shuttering, propping Completed as per Qty vide item N

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0.250	4.00	cum
0.250	3.75	
0.250	2.74	
0.250	2.29	
0.300	3.18	
0.300	3.40	
0.300	3.24	
0.300	3.02	
Total	25.62	cum
ted to	25.5	153060-
6000.0	- - Rs	Rs 3060.00
work		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

258138

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide item No(10) of Pg 258189 - - - -					1920.63 kg	
	Limited to					1.79 tonnes	
	@ Rs 78976.0 - - Rs.						141403.00
	(11) providing & removing centering, shuttering, strutting, propping & removal of formwork completed as per specification						
	Qty vide item No(11) of Pg 258190 - - - -					84.63	
	Limited to					84.63	
	@ Rs 288.0 - - Rs						24373.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12	Scarifying existing stone metal layer thick along with their bituminous surface, cost of all labour, machineries complete as per specification Qty vide item No(12) of pg 258191					1109.40 sqm	
				Limited to		981.00	78480.00
				@ Rs 80.00	-- to.		
13	providing, laying, spreading & compacting graded stone aggregate to wet mix complete as per specification Qty vide item No(13) of pg 258192					484.01	
				Limited to		442.96	621030.00
				@ Rs 1402.0	-- to.		

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
14	clearing the existing removing of binding matter with wire complete as per spec Qty vide item No	
15	providing & applying of medium possibly soil base over prepa per specification	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
thick face, mplete		
...	1109.40 sqm	
ed to	981.00	
80.00	-- do.	78480.00
...	484.01	
d to	442.96	
1402.0	-- do	621030.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258139

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
14)	clearing the existing removing of binding matter with wire. Complete as per specification. Qty vide item No (14) of pg 258193 ...	WBM road		Surface including materials & other jain bushes & small picks		2420.10	
				Limited to @ Rs 10.0 -- do.		1989.80	19898.00
15)	providing & applying prime coat for surface of medium possibly like cement stabilized soil base over prepared surface complete as per specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide item NO (15) of Pg 258			193		2420.10 Sqm	
				Limited to		1989.80	
				@ Rs 73.0		-- Rs.	145255.00 =
	16) cleaning the existing black topped surface with brooms, soft brushes finally dusting with old gunny bags complete as per Specification						
	Qty vide item NO (16) of Pg 258			193		773.60 Sqm	
				Limited to		756.00	
				@ Rs 3.0		-- Rs.	2268.00 =
	17) providing & applying tack coat using Solid grade bitumen cost of all materials complete as per specification						
	Qty vide item no (17) of Pg 258			194		773.60 Sqm	
				Limited to		756.00	
				@ Rs 15.0		-- Rs	11340.00 =

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	18) proving & laying s... using crushed ag... per Specification. Pot hole filling Angala paramb od from main od to Subham apartments

157

OOK

Depth 6	Contents 7	Reference to last Measurement 8
- - -	2420.10 Sqm	
ied to	1989.80	
73.0	- - Rs.	145255.00
	=	
face with with ecified		
- - -	773.60 Sqm	
ted to	756.00	
3.0	- - Rs.	2268.00
	=	
Solid Compact		
- - - - -	773.60 Sqm	
nited to	756.00	
15.0	- - Rs.	113405.00
	=	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258140

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
18)	proving & laying semi dense bitumionus carpet using crushed aggregate complete as per specification.						
	pot hole filling	15	2.00	$\frac{2.5+2.5}{2}$	0.025	1.875	
	Angala paramu od from main od to Subham apartments	1	30.00	$\frac{9.2+5.3}{2}$	0.025	5.43	
		1	30.00	$\frac{5.3+5.3}{2}$	0.025	3.97	
		1	30.00	$\frac{5.3+5.5}{2}$	0.025	4.09	
		1	32.70	$\frac{5.5+6.4}{2}$	0.025	4.86	
		1	20.60	$\frac{6.4+6.4}{2}$	0.025	3.29	
		1	30.00	$\frac{5.7+5.6}{2}$	0.025	4.23	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Dept	Contents
	C & FC-	1	30.00	$\frac{5.6+5.5}{2}$		0.025	4.16
	No: 15/11	1	30.00	$\frac{5.5+5.6}{2}$		0.025	4.16
	ಕಾ.ಅ. (ಪಾ.ವಿ)	1	32.00	$\frac{5.6+5.5}{2}$		0.025	4.44
	MC&FC	1	30.00	$\frac{4.7+4.6}{2}$		0.025	3.48
	Ryal 25/2/16	1	30.00	$\frac{4.6+4.5}{2}$		0.025	3.41
		1	30.00	$\frac{4.5+5.2}{2}$		0.025	3.56
		1	19.00	$\frac{5.0+5.6}{2}$		0.025	2.51
		1	21.00	$\frac{6.1+5.9}{2}$		0.025	3.15
		1	30.00	$\frac{6.0+5.1}{2}$		0.025	4.16
		1	30.00	$\frac{5.1+5.2}{2}$		0.025	3.86
		1	30.00	$\frac{5.2+5.2}{2}$		0.025	3.90
		1	36.50	$\frac{5.2+5.6}{2}$		0.025	4.92
		1	48.00	$\frac{5.3+5.5}{2}$		0.025	6.36

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	19) providing & Laying ... concrete cost of ... as per specifications ... shantiniketan school ...

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7 Dept	8 contents
+5.5 / 2		0.025	4.16
+5.6 / 2		0.025	4.16
+5.5 / 2		0.025	4.44
+4.6 / 2		0.025	3.48
+4.5 / 2		0.025	3.41
+5.0 / 2		0.025	3.56
+5.6 / 2		0.025	2.51
+5.9 / 2		0.025	3.15
0+5.1 / 2		0.025	4.16
+5.2 / 2		0.025	3.86
2+5.2 / 2		0.025	3.90
2+5.6 / 2		0.025	4.92
.3+5.3 / 2		0.025	6.36

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258141

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		11	109.00	(1.57+1.5)/2	0.025	4.08	
					Total	77.49 cum	
					Limited to	77.37	
					@ Rs 8700.0	-- -/-	673119.00
19	providing & Laying in position reinforced cement concrete cost of all materials, complete as per specifications.						
	shantiniketan school road	12	140.0	1.20		336.00	
					@ Rs 14000	-- -/-	4704000.00

MEASUREMENT BOOK

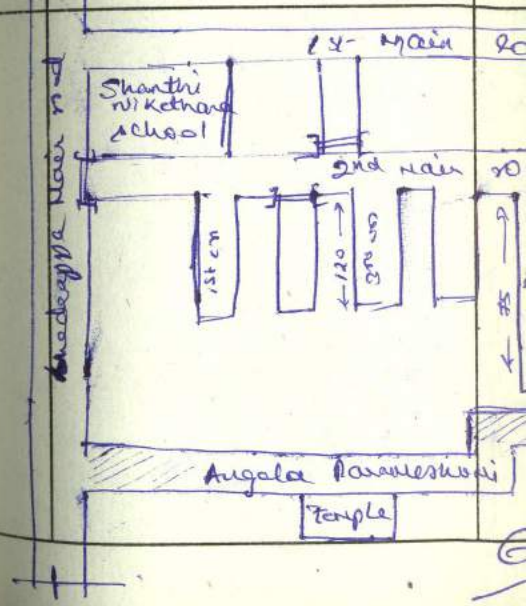
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20)	Lead for Disposal of at carriage rates including loading & as per specification	Debris shall be payable by mechanical means unloading complete					
	Qty vide item no(20) of pg 258/90					1401.42	cum
				Limited to		1107.92	
				@ Rs	70.0	-- -/-	₹7754.00
	Total bill amount:						37,57,094.00
	Certificate:						
1)	The work is completed satisfactorily & there are no departmental issues in this work.					The bill is passed for Rs 37,57,094.00	

Assistant Executive Engineer
Kodigehalli Sub Division

9/16

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	



BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
e payable I means complete			
. . . .		1401.42 cum	
nited to		1107.92	
Rs 70.0	-- -do	₹7754.00	
amount:			3,57,094.00
clerly & ooves by			

The bill is passed for Rs 37,57,094.00

er 9/16

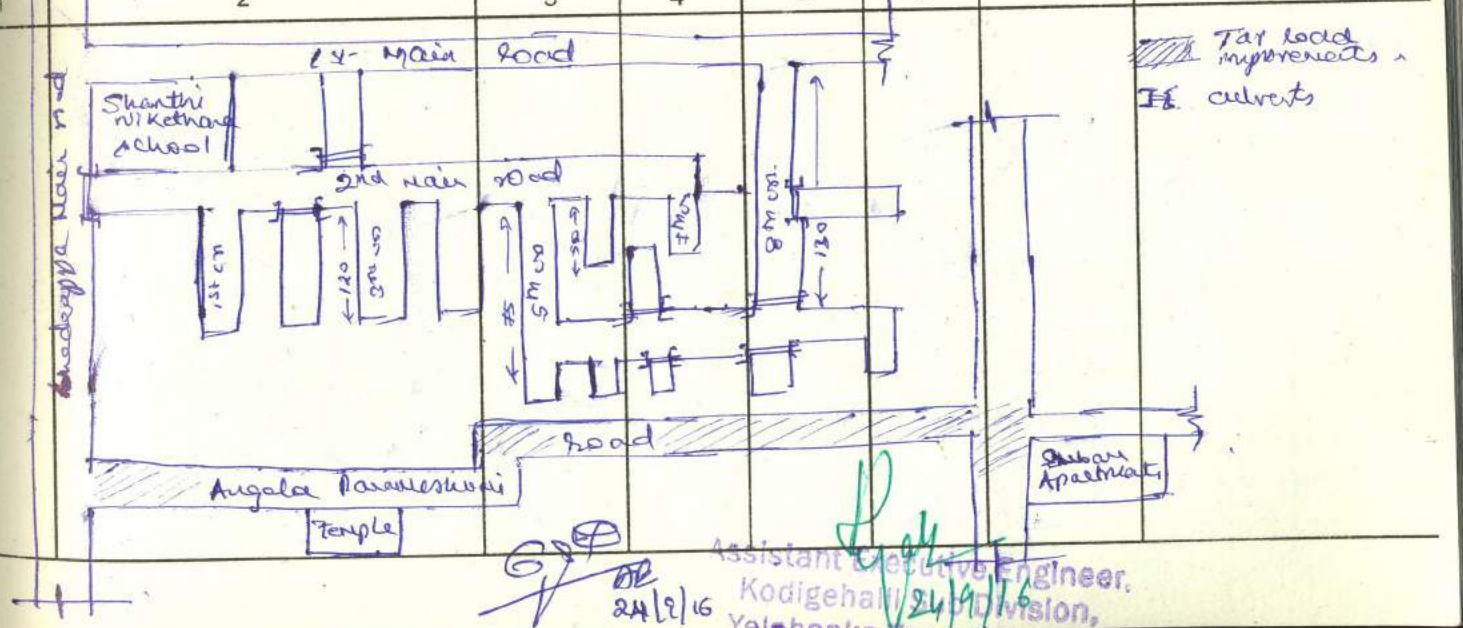
M. A. R. 57 (Rule 116)
Measurement Book

No. B

258142

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
							Tar road improvements & C.D. culverts



24/9/16

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 3757094-00 ಗಳಿಗೆ ಪಾಸು ಮಾಡಿದೆ: ಉಳಿದಲ್ಲಿ ರೂ. 285539-00 ಪೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ. 34.71.555-00 ಈ ಮುಂದಿನ ಸಿಬ್ಬಂದಿಗೆ Hv. 4					Total Rs. 37.57.094-00 IT - 37571-00 VAT - 150284-00 Cess - 37571-00 CST - 3757-00 LR - 56356-00 Adj: 285539-00 Cheque 34.71.555-00	

28/4/16

First & part bill, (for Sept 2015)

Serial No. ...Supply...
Name of Work ...KS Comba...
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Estimate cost: Rs. 45... Work code: 209-16-0... W.O. No. ...RR/DTP/...
1)	Supply & ... heavy ... stribed ... net..., ... Electrician ... as directed Supply ... 2016.
	Seen,

5/X